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Date: August 30, 2004

By Raquel West:

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**Response Under 37 C.F.R. §1.116
Expedited Procedure-
Examining Group 2882
Attorney Docket No.: 01P18159US**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application:

Farhad A. Ghelmansarai

Serial No.: 10/039,607

Filed: Oct. 26, 2001

For: X-RAY THERAPY ELECTRONIC PORTAL
IMAGING SYSTEM AND METHOD FOR
ARTIFACT REDUCTION

) Examiner: C. Church

) Group: 2882

**AMENDMENT AND RESPONSE PURSUANT TO 37 C.F.R. § 1.116
EXPEDITED PROCEDURE- EXAMINING GROUP 2882**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In response to the Final Office Action dated June 30, 2004, please consider the following remarks:

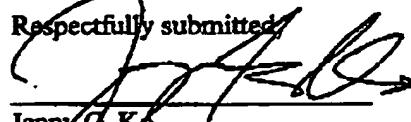
2007012001 000001 000002 000003 000004

of the low dosage x-ray radiation. The Forjdh/Betsche system forms low dose and high dose images. For low-dose imaging, there is no suggestion in Forjdh/Betsche to do anything other than generate the low-dose x-rays and generate a low dose image by scanning during the generation of x-rays. Scanning to acquire the low-dose image is not avoiding scanning during the generation of the low dose x-rays. The Forjdh/Betsche system does not inherently provide generating low dosage x-ray radiation, avoiding scanning of the imaging device during the generation of low dosage x-ray radiation and scanning the imaging device after the generation of the low dosage x-ray radiation.

Dependent claims 35 and 36 depend from claim 34, so are allowable for the same reasons.

CONCLUSION:

Applicants respectfully submit that all of the pending claims are in condition for allowance and seeks early allowance thereof. If for any reason, the Examiner is unable to allow the application but believes that an interview would be helpful to resolve any issues, he is respectfully requested to call the undersigned at (650) 694-5810 or Craig Summerfield at (312) 321-4726.

Respectfully submitted,


Jenny G. Koo
Registration No. 44,190
Attorney for Applicants

Siemens Corporation - Customer ID No. 28524
Intellectual Property Department
170 Wood Avenue South
Iselin, N.J. 08830
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Dated: August 30, 2004

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PTO/SB/06 (08-03)

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PATENT APPLICATION FEE DETERMINATION RECORD				Application or Docket Number <i>101-1039607</i>
Substitute for Form PTO-875				

CLAIMS AS FILED - PART I			OTHER THAN SMALL ENTITY	
(Column 1)		(Column 2)	(Column 3)	
FOR	NUMBER FILED	NUMBER EXTRA	SMALL ENTITY	OTHER THAN SMALL ENTITY
BASIC FEE (37 CFR 1.16(e))			RATE	RATE
TOTAL CLAIMS (37 CFR 1.16(c))	minus 20 =	*	X \$ ____ =	X \$ ____ =
INDEPENDENT CLAIMS (37 CFR 1.16(b))	minus 3 =	*	X \$ ____ =	X \$ ____ =
MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(d))			+ \$ ____ =	+ \$ ____ =
			TOTAL	TOTAL

* If the difference in column 1 is less than zero, enter "0" in column 2.

CLAIMS AS AMENDED - PART II			OTHER THAN SMALL ENTITY		
(Column 1)		(Column 2)	(Column 3)	(Column 4)	
AMENDMENT A	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	SMALL ENTITY	OTHER THAN SMALL ENTITY
Total (37 CFR 1.16(c))	<i>7</i>	Minus "	<i>3</i>	RATE	RATE
Independent (37 CFR 1.16(b))	<i>6</i>	Minus ***	*	X \$ ____ =	X \$ ____ =
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d))				X \$ ____ =	X \$ ____ =
				+ \$ ____ =	+ \$ ____ =
				TOTAL ADD'L FEE	TOTAL ADD'L FEE

9/2/04

AMENDMENT B			OTHER THAN SMALL ENTITY		
(Column 1)		(Column 2)	(Column 3)	(Column 4)	
AMENDMENT B	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	SMALL ENTITY	OTHER THAN SMALL ENTITY
Total (37 CFR 1.16(c))	<i>32</i>	Minus "	<i>29</i>	RATE	RATE
Independent (37 CFR 1.16(b))	<i>7</i>	Minus ***	<i>6</i>	X \$ ____ =	X \$ ____ =
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d))				X \$ ____ =	X \$ ____ =
				+ \$ ____ =	+ \$ ____ =
				TOTAL ADD'L FEE	TOTAL ADD'L FEE

AMENDMENT C			OTHER THAN SMALL ENTITY		
(Column 1)		(Column 2)	(Column 3)	(Column 4)	
AMENDMENT C	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	SMALL ENTITY	OTHER THAN SMALL ENTITY
Total (37 CFR 1.16(c))		Minus "	*	RATE	RATE
Independent (37 CFR 1.16(b))		Minus ***	*	X \$ ____ =	X \$ ____ =
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d))				X \$ ____ =	X \$ ____ =
				+ \$ ____ =	+ \$ ____ =
				TOTAL ADD'L FEE	TOTAL ADD'L FEE

- * If the entry in column 1 is less than the entry in column 2, write "0" in column 3.
- ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".
- *** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

This collection information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete. Including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

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